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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

	Complete if Known	1
Application Number	10/750,213	
Filing Date	January 2, 2004	
First Named Inventor	Michael L. VAZQUEZ	
Art Unit	1621	
Examiner Name	O'Sullivan, P.	
Attorney Docket Number	101765.00005 (2703/9/Div)	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		Pessages or Relevant Figures Appear
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Examiner Signature	Lalitta	Nagubandi	Date Considered	06/20/66

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitut	e for form 1440RAS				Complete if Known	
				Application Number	10/750,213	
INFC	PRMATION	DIS	CLOSURE	Filing Date	January 2. 2004	
STA	TEMENT B	Y A	PPLICANT	First Named Inventor	Michael L. Vazquez	
				Art Unit	1621	
	(Use as many sh	eets as	necessary)	Examiner Name	TBA	
Sheet	1	of	1	Attorney Docket Number	101765.00005 (2703/9/Div)	

			U.S. PATENT	OCUMENTS	
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Signature Latitha Nogubandi Considered 06/20/06	Examiner Signature						/20/06		
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USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE			Attorney Docks 101765.00005 (2703	et No. 1/9 Division	Serial No. ional) TBA			
CITATION	DISCLUSURE	Applicant(s): Vazquez et al.						
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Examiner	Patent No.	Date	Name	Class	Subclass	Filing I	Date	
Initial	•				<u> </u>	(if appr		
ân	4,268,688	05/19/1981	Tinker et al.		ļ	ļ		
Kin-	4,990,669	02/05/1991	Reetz et al.					
lin/	4,599,198	07/08/1986	Hoover					
Line	SIR·H725	01/02/1990	Gordon				•	
An.	4,477,441	- 10/16/1984	Boger et al.				<del></del>	
m	5,157,041	10/20/1992	Handa et al.					
Line	4,514,391	04/30/1985	Gordon et al.	1				
7)						-		
Mr.	4,548,926	10/22/1985	Matsueda et al.	<del></del>	<del> </del>			
M	4,616,088	10/07/1986	Ryona et al.			ļ	<del></del>	
Linx.	4,668,769	05/26/1987	Hoover			<u>.</u>		
Los.	4,668,770	05/26/1987	Boger et al.					
In.	4,963,530	10/16/1990	Hemmi et al.					
drage	4,977,277	12/11/1990	Rosenberg et al.					
XN	4,757,050	07/12/1988	Natarajan et al.		· · · · · ·			
dry-	5,157,143	10/20/1992	Pellacini et al.	<del>- </del>		<del> </del>		
Ny.	5,142,056	8/25/1992	Kempe et al.		<del>                                     </del>			
in	5,585,397	12/17/1996	Tung et al.		· · ·		······································	
dirse.	5,278,148	1/11/1994	Branca et al.			<del>                                     </del>		
dry-	5,583,238	12/10/1996	Ng et al.	<del> </del>	<del> </del>			
	5,648,511	7/15/1997	Ng et al.	<del>                                     </del>	<del> </del>	<del> </del>		
	6,022,996	2/8/2000	Ng et al.	<del></del>	<del> </del>	<del> </del>		
Liv	5,872,299	2/16/1999	Ng et al.		<del> </del>	<del></del>	·	
W/	5,872,298	2/16/1999	Ng et al.		<del></del>	<del></del>		
	ENT DOCUMENTS  Document No.	Date	Country	Class	Subclass	Transla	ation	
Initial	Doumon 110.		Country	(1435	Duoviass	YES	NÓ	
in.	2,184,730	07/01/1987	UK			1 200	, ,,,,	
ŵy.	2,209,752	05/24/1989	UK					
	0 264 765	04/27/1988	EPO				\	
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Patent and Trade	449 U.S. Department of Comme emark Office N DISCLOSURE	erce	Attomev Docket No. 101765.00005(2703/9 Divi	sional)	Serial No. TBA	
CITATION	T DISCEOUNE		Applicant(s): Vazquez et al.		· <del></del>	
			Filing Date:		Group:	TBA
Win.	0 342 541	11/23/1989	EPO			
Line.	0 104 041	03/28/1984	EPO			
m	0 1.14 993	08/08/1984	EPO			
Que.	WO 84/03044	08/16/1984	PCT			
dis.	0 393 445	10/24/1990	EPO			
Mis	0 393 457	10/24/1990	EPO			
Kin.	0 356 223	02/28/1990	EPO			
du	0 389 898	10/03/1990	EPO			
Fra.	0 337 714	10/18/1989	EPO .			
No.	0 402 646	12/19/1990	EPO			
	0 172 347	02/26/1986	EPO-			
din.	0 223 437	05/27/1987	EPO			
Luci	WO93/13066	07/08/1993	PCT			
Aw.	WO92/14703	09/03/1992	PCT			
	79823/87	1987	Australia			
			_			
OTHER DOCK	JMENTS (including Author		Pages, etc.)			<del></del>
WY.		<u>ice, 248, 385 (1990)</u>		····		•
Wy.		1 Chem. 34, 3340 (19		·	<del></del>	
1/1/2/		ed. Chem., 36, 288 (				
dir	Reetz et al., Tet. La	ett., 30, 5425 (1989)				
	Sax, N.I., "Dangero	us Properties of Indu	estrial Materials", 6th Ed., Van	Nostrand Rein	hold Co.,	1984,
	ברו יא				•	
	"Handbook of Reac	tive Chemical Hazai	ds", 3rd Ed., Butterworths, 198	35, p. 295		
	Reetz et al., Phil. Ti	rans. R. Soc. Lond.,	326: 573-57 <del>8 (</del> 1988)	•		
dis-	Reetz et al., Angew	. Chem. Int. Ed., 26,	1141-1143 (1987)			
der	J.R. Parikh, J. Amer	r. Chem Soc., 89, 55	05-5507 (1967)		<u>+</u>	· ~
	Erickson et al., Scie	nce <del>, 249:5</del> 27-533 (1	980)		·	
	Drugs of the Future	, 1991, <u>16</u> (3), 210-2	12			
an	Meek et al., <u>Nature</u> ,	343:90-92 (1990)				

Page 3 of 5

Patent and Tradem	JSPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office NFORMATION DISCLOSURE	Attornev Docket No. 101765.00005 (2703/9 Divisi	onal)	Serial No. TBA				
INFORMATION I CITATION	DISCLOSURE	Applicant(s): Vazquez et al.						
		Filing Date:		Group: TBA				
	Pept. Struct. Funct. Proc. AM. Prept. Sym Inhibitors" (Rich, Saluturo & Holladay pp		.H. Rich, "Des	ign of Protease				
	McQuade et al., "A Synthesis HIV-1 Prote Particle Maturation", Science, 247, 454 (1		ctivity Arrests	HIV-Like				
M	Rosenberg et al., <u>J. Med. Chem.</u> , <u>30</u> , 1224	J-1228 (1987)		•				
Ass.	Sadhu et al., <u>Tet. Lett., 27</u> , 795 (1986)							
Maj.								
	Fittkau, J. Prakt. Chem. 315, 1037-1044 (1973)							
die	Evans et al., J. Org. Chem., vol. 50, no. 23	3, 4615-24 (1985)						
	<michnick-et-al.,-synlett,-9:631-2-(1991)< td=""><td>· ·</td><td></td><td></td></michnick-et-al.,-synlett,-9:631-2-(1991)<>	· ·						
dir	Reetz et al., Tet. Lett., Vol. 29, No. 27, 32	95-98 (1988)	·					
	Hoffman et al., J. Chem. Soc., Chem. Con	nun. (1991):195-196						
•	Gu et al., Chemistry Letters, (1992): 1169	<del>-1172</del>						
Livi	Luly et al., <u>J. Org. Chem., 53</u> (1988):6109	-6112						
	Harada et al., Chem Pharm. Bull., 37, (9):2570-2572 (1989)							
EXAMINER								
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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\*\*Copies of references not provided at the time of this submission.

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Substit	lute for form 1449A/PTC	)			Complete if Known
INFORMATION DISCLOSURE			CLOSURE	Application Number	TBA
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017		. ~	LIOAII	First Named Inventor	Michael L. Vazquez
				Group Art Unit	TBA
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Sheet	4	of	5	Attorney Docket Number	101765.00005 (2703/9 Divisional)

	Cite No.1	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
Examiner Initials *		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document		
Riv		US- 5,760,084	06/1998	Vazquez et al.		
Č11		US- 5,508,294	04/1996	Vazquez et al		
(in		US-5,521,219	05/1996	Vazquez et al.		
Lin		US- 5,639,769	06/1997	Vazquez et al.		
Km		US- 5,510,388	04/1996	Vazquez et al.		
En		US-5,883,264	03/1999	Matsumac et al.		
in		US-3,510,248	05/1970	Keen et al.		
LM		US-5,965,588	10/1999	Vazquez et al.		
Lisa		US-6,147,117	11/2000	Vazquez et al.		
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FOREIGN PATENT DOCUMENTS							
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Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (If Innown)  Publication Date MM-DD-YYYY	Date			T <sup>6</sup>	
Z'n		GB 2,200,115	07/27/88				
Rm		WO 9,208,701	5/1992				
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Examiner Signature	Lalitha	Nagubandi	Date Considered	06/20/66

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STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Michael L. Vazquez	
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
In.		Erickson et al., *Design Activity, and 2.8A Crystal Structure of a C₂ Symmetric Inhibitor Complexed to HIV-1 Protease,* <u>Science</u> , 527, (1990)				
		S. J., Fittkau, <u>Prakt, Chem.,</u> 315, 1037 (1973)				
		Pauwles et al., "Rapid and automated tetrazolium-based colormetric assay for the detection of anti-HIV compounds," <u>J. Virol, Methods</u> , 20, 309-321 (1988)				
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Examiner Signature	Lalitha Nagubandi	Date Considered	06/20/06

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